



Memorandum

To: Honorable Mayor Maso and Members of the Frisco City Council

cc: George Purefoy, City Manager
Ron Patterson, Assistant City Manager
Elizabeth Metting, P.E. Assistant Director / City Engineer
Jason Brodigan, Senior Civil Engineer

From: Arthur Hartle, P.E., Senior Civil Engineer

Date: January 20, 2009

Subject: Consider and act upon authorization for the City Manager to execute Change Order Number 3 to the Standard Form Agreement for Construction Services by and between the City of Frisco and S. J. Louis Construction of Texas, Ltd. for additional services related to the construction of the Rolater Road 42-inch Water Transmission Main (Preston Road to Coit Road) (Engineering)

Action Requested: City Council consideration and approval of authorization for the City Manager to execute Change Order Number 3 to the Standard Form Agreement for Construction Services by and between the City of Frisco and S. J. Louis Construction of Texas, Ltd. in the amount of \$147,362.00 for additional services related to the construction of Rolater Road 42-inch Water Transmission Main (Preston Road to Coit Road).

Background Information: Bids were opened on November 6, 2007 and the City Council awarded the contract for the construction of Rolater Road 42-inch Water Transmission Main (Preston Road to Coit Road) to S. J. Louis Construction of Texas, Ltd. at the December 4, 2007 City Council meeting in the amount of \$4,123,741.34. This contract was for the construction of approximately 11,000 lineal feet of a 42-inch steel water pipeline from Preston Road to Coit Road along Rolater Road.

Change Order Number 1 was for the adjustment of pipe and steel casing quantities for a tunnel crossing of Preston Road to comply with the Texas Department of Transportation and a change of butterfly valve bid quantities. Change Order Number 1 resulted in a credit (reduction) of \$15,884.00 to the contract amount, resulting in a total contract cost of \$4,107,857.34.

Change Order Number 2 added approximately 1,900 lineal feet of 12-inch and 24-inch water line along the west side of Preston Road from John Wesley Drive to Hickory Street in coordination with the development of two properties, the United Methodist Church located north of John Wesley Drive and the Preston Place Retail Center located south of Hickory Street. These improvements are a part of the CIP Master Plan for the Preston Road 24" water line project. The changes were added to this project to expedite water line construction across one property that was already under construction (the First United Methodist Church) and another development, the Preston-Hickory Addition, which was expected to begin construction within two months of the execution of Change Order Number 2. The work at the church was completed by August; however, the expected development of Preston Place Retail Center was delayed. Change Order Number 2 added \$694,375.31 to the contract amount for a total of \$4,802,232.65 and extended the contract time by 30 calendar days for a contract completion date of March 16, 2009.

Change Order Number 3 is needed to adjust the construction contract quantities for changes in construction that were required to meet field conditions; to make a quality finished project for various reasons as noted in the change order; and for deletion of the installation of that portion of the 24-inch water line along Preston Road located north of the United Methodist Church. A delay in the planned developments along Preston Road combined with the lack of easements has resulted in this work not being able to proceed to construction at this time. The pipe materials will be purchased from the contractor, but will be stored on City property until needed for construction of the 24" Preston Road waterline (which is expected to occur in approximately one year). The cost for Change Order Number 3 is \$147,362.00. Change Order Number 3 will increase the contract time by 60 days. Therefore, the completion date for construction according to Change Order Number 3 will be May 15, 2009.

Alternatives: The City Council could consider the following alternatives:

- City Council approval to authorize the City Manager to execute Change Order Number 3 to the Standard Form Agreement for Construction Services by and between the City of Frisco and S. J. Louis Construction of Texas, Ltd.;
- Input towards the discussion as desired;
- Deny approval to authorize the City Manager to execute Change Order Number 3 and send back to staff with direction.

Financial Considerations: Execution of Change Order Number 3 increases the total cost of the Construction Contract by \$147,362.00, to an amount of \$4,949,594.65. Staff recommends that the costs associated with Change Order Number 3 be funded from the Water and Sewer Fund through the 2007 Certificates of Obligation.

Legal Review: Not applicable.

Supporting Documents:

- Location Map of Rolater Road 42" Water Line
- Location Map of Preston Road and Rolater Road Water Lines
- Location Map of Development along Preston Road
- Copy of Change Order Number 3

Staff Recommendation: Staff recommends placement of this item on the January 20, 2009, City Council meeting agenda to authorize the City Manager to execute Change Order Number 3 to the Standard Form of Agreement for Construction Services by and between the City of Frisco and S. J. Louis Construction of Texas, Ltd. in the amount of \$147,362.00 for additional services related to the construction of Rolater Road 42-inch Water Transmission Main (Preston Road to Coit Road). Staff will be present at the Council meeting to address any questions the City Council may have relating to this agenda item.